



# **Section E**

## ***Advanced Reactors Transition***

### **PROJECT MANAGERS**

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## **SUMMARY**

The Advanced Reactors Transition (ART) Program, WBS 1.12.1.1, PBS RL-TP11, consists of the 309 Building and the Nuclear Energy (NE) Legacies activities.

NOTE: Cost/Schedule data contained herein is as of October 31, 2000. All information is as of November 17, 2000, unless otherwise noted.

For the month of October surveillance and maintenance activities continued on the 309 Building and NE legacies. The staging of materials continues in anticipation of starting the Fuel Transfer Pit Cleanout work. The work document was submitted for approval. The last of the rinse solutions from the sodium potassium (NaK) alloy residue removal operation were shipped to the Treated Effluent Disposal Facility (TEDF). Statements of work/contract releases were prepared for Fluor Federal Services and Waste Management/Duratek for preparation and shipment of Thermal Transient Loop cold trap to offsite treatment center. Procedures were prepared for inspection of fire doors, barriers, and dampers in the 337B High Bay. Building drawings were updated to show their location.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due.

## **ACCOMPLISHMENTS**

- For the month of October surveillance and maintenance activities continued on the 309 Building and Nuclear Energy (NE) legacies.
- Staging materials continued in anticipation of starting the Fuel Transfer Pit Cleanout work. The work document was submitted for approval.
- Shipped the last of the rinse solutions from the NaK residue removal operation to TEDF.
- Prepared statements of work/contract releases to Fluor Federal Services and Waste Management/Duratek for preparation and shipment of Thermal Transient Loop cold trap to offsite treatment center.
- Prepared procedures for inspection of fire doors, barriers, and dampers in the 337B High Bay.

## **SAFETY**

Safety data for ART is included in a separate Fast Flux Test Facility (FFTF) report.

## **CONDUCT OF OPERATIONS / ISMS STATUS**

### **CONDUCT OF OPERATIONS**

Conduct of operations data for ART is included in a separate FFTF report.

### **ISMS STATUS**

The project continues to work on improvement initiatives that resulted from the ISMS Phase II readiness review. These initiatives include improving the Automated Job Hazard Analysis (AJHA) process and worker involvement in work documentation preparation.

## **BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT**

No breakthroughs or opportunities for improvement have been identified at this time.

### **UPCOMING ACTIVITIES**

- Ship Thermal Transient Loop cold trap offsite, by March 30, 2001. The date is dependent on receiving a Department of Transportation exemption on the shipping container.
- Continue Fuel Transfer Pit cleanout in the 309 Building/PRTR facility, the estimated completion date is January 30, 2001.

### **COST PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>ACWP</b>	<b>VARIANCE</b>
<b>Advanced Reactors Transition</b>	\$0.1	\$0.2	(\$ 0.1)

The unfavorable cost variance is due to fiscal year start-up anomalies involving fee accruals and reversals. The ACWP is overstated by \$152K and a cost transfer was submitted to correct the cost in this project.

### **SCHEDULE PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>BCWS</b>	<b>VARIANCE</b>
<b>Advanced Reactors Transition</b>	\$0.1	\$0.1	\$ 0.0

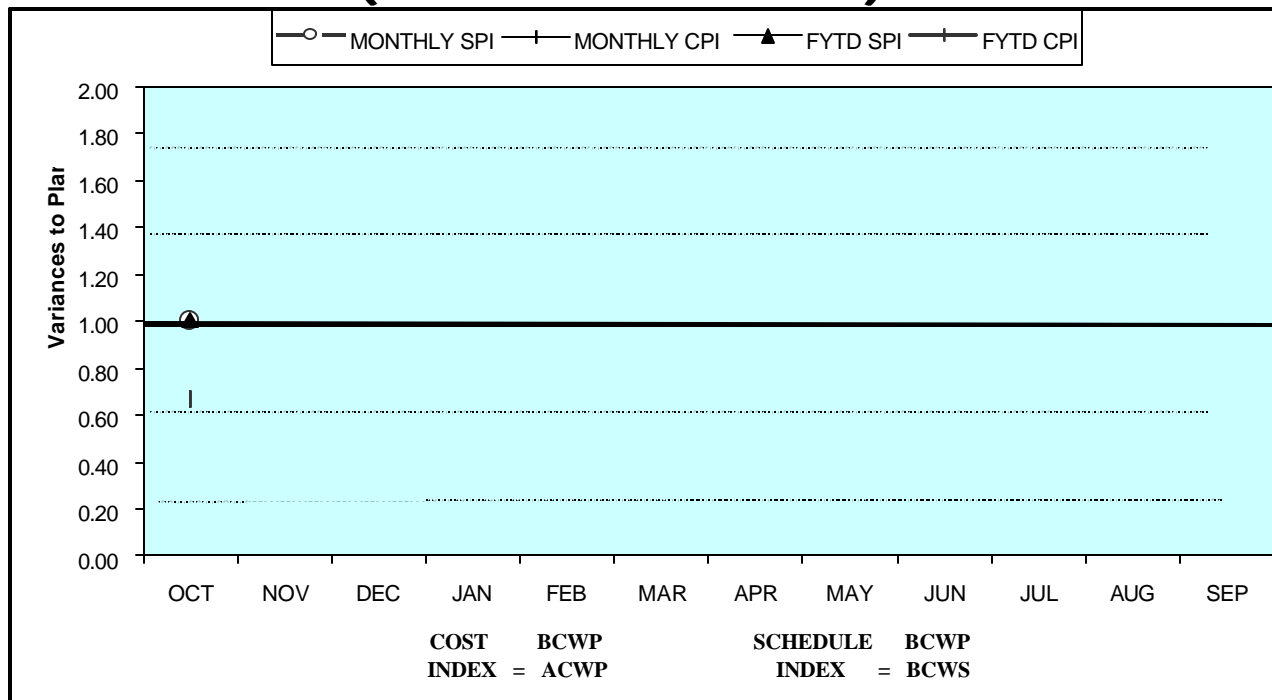
There is no schedule variance.

## FY 2001 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

By PBS		FYTD								PEM					
		BCWS	BCWP	ACWP	SV	%	CV	%							
PBS TP11	Advanced	\$	123	\$	123	\$	183	\$	0	0%	\$	(60)	-49%	\$	1,622
WBS 1.12	Reactors														
	Transition														
Total		\$	123	\$	123	\$	183	\$	0	0%	\$	(60)	-49%	\$	1,622

Note: The Performance Execution Module (PEM) includes \$240K for FFTF Inventory support which will be transferred out of PBS RL-TP11 to FFTF.

## COST/SCHEDULE PERFORMANCE INDICES (MONTHLY AND FYTD)



FY 2001	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	1.00											
MONTHLY CPI	0.67											
FYTD SPI	1.00											
FYTD CPI	0.67											
MONTHLY BCWS	\$123	\$199	\$175	\$145	\$120	\$122	\$122	\$138	\$105	\$105	\$138	\$132
MONTHLY BCWP	\$123											
MONTHLY ACWP	\$183											
FYTD BCWS	\$123	\$321	\$497	\$642	\$762	\$883	\$1,005	\$1,143	\$1,248	\$1,353	\$1,490	\$1,622
FYTD BCWP	\$123											
FYTD ACWP	\$183											

## **COST VARIANCE ANALYSIS: (-\$0.1M)**

### **WBS/PBS**

### **Title**

**1.12/TP11**                      **Advanced Reactors Transition**

**Description and Cause:** The unfavorable cost variance is due to fiscal year start-up anomalies involving fee accruals and reversals.

**Impact:** The ACWP is overstated by \$152K.

**Corrective Action:** A cost transfer was submitted to remedy the situation.

## **SCHEDULE VARIANCE ANALYSIS: (\$0.0M)**

### **WBS/PBS**

### **Title**

**1.12/TP11**                      **Advanced Reactors Transition**

**Description and Cause:** None.

**Impact:** None.

**Corrective Action:** None.

## **ISSUES**

There is nothing to report at this time.

## **BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS**

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	FY01 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
FH-2001-002	9/25/00	FY2001 Fee Reduction to 90%	-\$2						At DOE-RL
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report at this time.							

## **MILESTONE ACHIEVEMENT**

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY2002 TPA/EA milestones.

<b>FY 2001 Tri-Party Agreement / EA Milestones</b>		
Number	Milestone Title	Status
	Nothing to report at this time.	

<b>DNFSB Commitments</b>		
	Nothing to report at this time.	

## **MILESTONE EXCEPTION REPORT**

<b><u>Number/WBS</u></b>	<b><u>Level</u></b>	<b><u>Milestone Title</u></b>	<b><u>Baseline Date</u></b>	<b><u>Forecast Date</u></b>
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**OVERDUE – 0**

**FORECAST LATE – 0**

<b>FY 2002 Tri-Party Agreement / EA Milestones</b>		
Number	Milestone Title	Status
B69-02-301 (M-092-11-T01)	Complete Disposition Options for Hanford Site Radioactive Na	Due 03/31/2002

<b>DNFSB Commitments</b>		
	Nothing to report at this time.	

## **PERFORMANCE OBJECTIVES**

Nothing to report at this time.

## **KEY INTEGRATION ACTIVITIES**

Nothing to report at this time.